

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	TRPV5
Synonyms	CAT2, ECAC1, OTRPC3
Description	Human TRPV5-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9NQA5
Expression Host	HEK293
Protein Families	Ion Channels: Transient receptor potential
Protein Pathways	N/A
Molecular Weight	The human full length TRPV5-Strep protein has a MW of 82.6 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene is a member of the transient receptor family and the TrpV subfamily. The calcium-selective channel encoded by this gene has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5 ANK repeats. This protein forms homotetramers or heterotetramers and is activated by a low internal calcium level. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

